

U.S. Pat. Appl. 10/524,759

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 9 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

~~The invention relates to a~~ pressure mediator comprising a base body $[(1)]$ having a membrane bed $[(11)]$, wherein said base body $[(1)]$ has a first material with a first thermal expansion coefficient, in addition to a separating membrane $[(2)]$ having a second material with a second thermal expansion coefficient that is smaller than the first thermal expansion coefficient~~[[,]] wherein the~~ The separating membrane $[(2)]$ is fixed to the base body $[(1)]$ by its edge area in such a way that the membrane bed $[(11)]$ is covered by the separating membrane $[(2)]$, ~~wherein said~~ and the separating membrane $[(2)]$ also has a relief $[(21)]$ that ~~was~~ is formed by embossing against the membrane bed after the separating membrane was fixed to the base body. ~~According to the invention, embossing~~ Embossing of the membrane relief ~~was~~ is carried out at a temperature below critical temperature of less than approximately ~~40 DEG C~~ 10°C . This makes it possible to obtain a constant membrane characteristic line at low temperatures.